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MONTHLY REPORT

1 December - 31 December 1960

Materiel Support Branch
Engineering Staff

I. PROJECTS AND ACTIVITIES:

1. Deputy Chief, MSB spent five days [] taking inventory and assisting in preparation of supply records. Details of the trip have been submitted in a memorandum for the record.

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25X1

5. Project 61-18 was initiated for the purpose of breaking down twenty-eight spare parts kits for the SP-600 receiver for issuing the components in the kits as individual line items.

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7. A thorough comparison of three Collins 51-J4 receivers was made to determine, if possible, what changes had been incorporated by Collins to increase the overall performance. The first receiver was the latest shipment received from Collins, the second had been adjusted by Collins at the factory, and the third had been adjusted by Collins' representatives in Washington. The performance of the three followed

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I. PROJECTS AND ACTIVITIES: (Continued)

the above order. Our objective was to determine if the third could be improved, by adjustment, to approach the performance of the first. Some slight improvement was possible by very careful realignment; however, point by point comparison of the three receivers indicated that the performance of the latest shipment of receivers is a result of improved tolerances in all components throughout the receiver. In conclusion the result is a marked difference between the new receivers and the older models adjusted for optimum performance. Factory adjustment makes the older receiver acceptable to specifications but not equal to the performance of the new receivers.

II. ADMINISTRATIVE:

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Chief, Materiel Support Branch

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